Overview of Conectiv Power Delivery's "Net Energy Metering Rider"

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Applicability

For Conectiv Power Delivery customers who own and operate an electric generation facility.

Why Net Metering?

Provides customers that have the ability to produce electricity with a simplified arrangement to receive value for the energy produced.

Availability

For Conectiv Power Delivery customers who own and operate an electric generation facility.

Service Classification	Description
"R"	Residential
"R-TOU"	Residential Time of Use
"R-TOU-ND"	Residential Time of Use – Non Demand
"R-TOU-SOP"	Residential Time of Use – Super Off Peak
"SGS-ND"	Small General Service – Non Demand
"MGS-S"	Medium General Service – Secondary

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Generation System Criteria

For Conectiv Power Delivery Customers who own and operate an electric generation facility:

- With a capacity less than 25 kilowatts;
- That uses solar, wind, hydro or other forms of renewable resources as its primary source of fuel;
- Located on the Customer's premises;
- Interconnected and operated in parallel with the Conectiv Power Delivery transmission and/or distribution facilities; and
- Intended primarily to offset all or part of the Customer's electricity requirements.

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Application/Notification

Any Customer who elects this Rider must notify Conectiv Power Delivery, in writing, at least 30 days prior to activating the electric generation facility.

Generation Facility Information Required:

- Resource Type
- Manufacturer
- Generating Unit Size
- Manufacturer's specifications of all components

Customer Service Characteristics

- Same voltage level and delivery point
- Meter with capability to measure net usage

Customer Expenses

- Inspections & Approvals
- Incremental Cost of Larger Capacity Meter
  - If required to serve customer
  - If requested by customer
- Utility Line Extensions or System Modifications

Generation System Requirements

Must meet all applicable safety and performance standards

- National Electric Code
- The Institute of Electrical and Electronics Engineers
- Underwriters Laboratories
- Conectiv Power Delivery Technical Considerations Covering Parallel Operations of Customer Owned Generation dated January 19, 2000
- Applicable codes of the local public authorities

Protective Equipment Configuration

Designed in order for Parallel Operation to cease immediately and automatically during :

- System outages
- Loss of Primary Electric Source

Generation System Operation

Parallel Operation Must Cease when customer is notified by Conectiv Power Delivery of:

- A System emergency
- Abnormal Conditions
- Generator Operation that:
  - Is Unsafe
  - Interferes with service to other customers
  - Interferes with Conectiv Power Delivery's System Maintenance or Operation

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Net Energy Metering Hypothetical Billing Example

Month	Usage (kwh)	Production (kwh)	Net Usage (kwh)	Net Usage Bal (kwh)
April	3000	4000	(1000)	(1000)
May	2500	4000	(1500)	(2500)
June	4000	4000	0	(2500)
July	6000	4000	2000	(500)
August	7000	4000	3000	2500

Customer will be billed for net usage.

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Conectiv Generator Interconnection Application - Short Form

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Section 1, Applicant Information

Name: _____

Mailing Address: _____

City: _____ State:_____ Zip Code: _____

Facility Location (if different from above): _____

Telephone (Daytime): Area Code _____ Number _____ (Evening) Area Code _____ Number_____

Conectiv Power Delivery Account No. : _____ Pole Number: _____

Energy Service Provider Name: _____ Account No.: _____

Section 2, Generator Technical Information

Is Generator powered from a Renewable NEM Qualifying Energy Source: ☐ Yes ☐ No

Type NEM Qualifying Energy Source (if applicable): ☐ Solar ☐ Wind ☐ Hydro

Generator (or solar collector) Manufacturer, Model Name & Number: _____ _____

_____ Output Power Rating in kW: _____

Inverter Manufacturer, Model Name & Number (if used): _____

_____ Rating in kW: _____

Will a generator disconnect device, accessible to Conectiv, be installed?: ☐ Yes ☐ No

If the Generator Owner elects not to install a manual disconnect device accessible to Conectiv, the Generator Owner assumes all risks and consequences when a service meter must be "pulled" to disconnect the generator thereby also interrupting all utility electric service to the Customer site.

Section 3, Generator/Equipment Certification

Generating systems that use utilize inverter technology must be compliant with *IEEE 929* and *Underwriters Lab. UL 1741*. Generating systems that use a rotating machine must be compliant with Conectiv Power Delivery's *Technical Considerations Covering Parallel Operations of Customer Owned Generation of Less than One (1) MW and Interconnected with the Conectiv Power Delivery System* document. **By signing below, the Applicant certifies that the installed generating equipment meets the appropriate preceding requirement(s) and can supply documentation that confirms compliance.**

Signed (Applicant): _____ Date: _____

Section 4, Installation Details

Generating System will be installed by: ☐ Owner ☐ State Licensed Electrician

Installing Electrician: _____ Firm: _____ License No.: _____

Mailing Address: _____

City: _____ State:_____ Zip Code: _____

Telephone: Area Code: _____ Number: _____

Installation Date: _____ Interconnection Date: _____

Supply certification that the generating system has been installed and inspected in compliance with the local Building/Electrical code of the municipality of _____.

Signed (Inspector): _____ Date: _____
(In lieu of signature of Inspector, a copy of the final inspection certificate may be attached)

Section 5, Applicant Signature

I hereby certify that, to the best of my knowledge, all the information provided in the Interconnection Application is true and correct. I also agree to install a Warning Label provided by Conectiv Power Delivery on or near my service meter location.

Signature of Applicant: _____ Date: _____

Send the completed application to Conectiv Power Delivery Marketing Department, Address, State, Zip.


WARNING
Customer Owned
Generation

Typical Net Energy Metering Customer Electrical Service Configuration

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